AMENDMENTS TO THE SPECIFICATION

Please replace the below identified paragraphs with the following amended paragraphs. *No new matter is introduced by way of the following amendment.*

1.   Please replace the paragraph on page 13, lines 9-20 with the following amended paragraph:

"Thus, in one embodiment, the system and method described herein compares and matches a first set of digital data to a second set of digital data. Further, during a raster transformation of the first ~~and~~ or second sets of digital data, multiple images of the digital data are placed in texture memory as multiple textures. Then, statistics are gathered concerning the textures, and the raster transformed sets of digital data are compared and matched against corresponding portions of each other. In this context, the system is described as being implemented in a computer system including a host processor and a modified graphics processor including a texture memory for textures, and a graphics processing chip having an address generator, an acceptance tester (for performing conventional per-pixel testing, as described above) and a statistics comparison device."

2.   Please replace the paragraph on page 23, lines 1-13 with the following amended paragraph:

"~~As noted above, it has been observed that textured triangle rasterization performed in a conventional graphics processor or the like closely resembles sparse matching of a template with an image. Consequently, in~~ In one specific embodiment of the example of FIG. 5, the template is treated as a texture and the frame buffer an image and the display primitive for rendering purposes is a triangular polygon. In addition, instead of rasterizing the texture into the frame buffer, certain statistics are recorded for normalized correlation or other statistics can be recorded for various

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embodiments. In one example, if the texture is considered a template and the frame buffer an image, the graphics processor 513 is used to resample the template using a perspective transformation. Also, the statistics/comparison device 518 of the modified graphics processor 513 is used to record statistics (ΣT, ΣI, ΣIT, ΣT^2, ΣI^2 for normalized correlation, or other statistics for a variation) for later forwarding to the host processor.